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Notice of Allowability	Application No.	Applicant(s)	
	09/786,889	LINDGREN ET AL.	
	Examiner	Art Unit	
	Man Phan	2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communications filed 06/15/2001.
2. ☒ The allowed claim(s) is/are 1-34.
3. ☒ The drawings filed on 15 June 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>03/09/01</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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Reasons for allowance

1. The application of Lindgren et al. for the "Methods for changing the bandwidth of a circuit switched channel" filed 06/15/2001 has been examined. This application is a national stage entry of PCT/SE99/01573 International Filing Date: 09/09/1999. This application claims foreign priority based on the application 9803068 filed September 10, 1998 in Sweden. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a) – (d), which papers have been placed of record in the file.
2. Claims 1-34 are allowable.
3. The following is an examiner's statement of reasons for allowance: The instant application is deemed to be directed to a no obvious improvement over the prior art of record. The improvement comprises: a method for increasing bandwidth of a circuit switched channel in a TDM network, the channel comprising a set of time slots within each recurring frame of a bitstream of the network, the method comprising the steps of: reserving for the channel, one or more additional time slots within each recurring frame of the bitstream, including using, during a period of time, only the set of time slots for transmitting payload data pertaining to the channel while providing, during the period of time, information indicating that the one or more additional time slots are currently not used for transferring payload data and using, after the period of time, the set of time slots as well as the one or more additional time slots on the bitstream for transmitting payload data pertaining to the channel; a method of decreasing bandwidth of a

circuit switched channel in a TDM network, the channel comprising a set of time slots within each recurring frame of a bitstream of the network, the method comprising the steps of using, during a period of time, only a portion of the set of time slots for transmitting payload data pertaining to the channel while providing, during the period of time, information indicating that the remaining time slots of the set of time slots are currently not used for transferring payload data, and deallocating, after the period of time, the remaining time slots from the channel while continuing using the portion of set of time slots for transmitting payload data pertaining to the channel, as expressly recited in the claims.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The Bohm et al. (US#6,430,180) is cited to show the method and apparatus for switching data between bitstreams of a TDM network.

The Lindgren et al. (US#6,157,656) is cited to show the method and arrangement for dynamic signaling.

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The Antal et al. (US#6,587,472) is cited to show the fair channel allocation protocol for DTM networks.

The Lindgren et al. (US#2002/0126687) is cited to show bitsream management.

The Lindgren et al. (US#2002/0126688) is cited to show bitsream management.

The Ramfelt (US#5,838,687) is cited to show the slot reuse method and arrangement.

The Gauffin et al. (US#5,517,499) is cited to show the method and an arrangement for synchronizing two or more communication networks of the time multiplex type.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Man U. Phan whose telephone number is (571) 272-3149. The examiner can normally be reached Monday through Friday from 6:00 am to 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306/9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have any questions on access to

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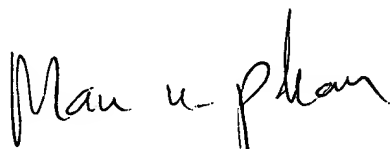
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the Private PAIR system, contact the Electronic Business Center (EBC) at toll free 1-866-217-9197.

MPhan

May 26, 2005

A handwritten signature in cursive script that reads "Man u phan".

MAN U. PHAN
PRIMARY EXAMINER